Summary of Pinedale Anticline Chemical and Field Data 2000-2011



February 7, 2012

<u>Parameter</u> <u>Wyoming DEQ Water Quality Standard</u>

Alkalinity None available

Bicarbonate None available

Calcium None available

Carbonate None available

Chloride Aquatic Life Chronic Value (EPA) 230,000 mg/l

Conductivity None available

Dissolved Oxygen 5 mg/L Early life stages 1 day minimum

4 mg/L All other stages 1 day minimum

Hardness None available

Magnesium None available

Nitrate + Nitrite as N 10 mg/l

pH 6.5 - 9.0

Wyoming DEQ Water Quality Standard

Phosphorus \leq 1.0 mg/l (Streams not flowing directly into

lakes or reservoirs

Potassium None available

Sodium None available

Sulfate None available

Temperature Class 1, 2AB, and 2B waters - If ambient stream

temperature is above 60 degrees F man-caused

effluent shall not be discharged in amounts

which will result in an increase of more than 2

degrees F (1.1 degree C) in existing temperatures

Total Dissolved Solids None available

(TDS)

Parameter

Total Suspended Solids None available

(TSS)

Parameter

Wyoming DEQ Water Quality Standard

Turbidity

In all cold water fisheries and drinking water supplies the discharge of substances attributable to or influenced by the activities of man shall not result in a turbidity increase of more than ten (10) nephelometric turbidity units (NTUs).

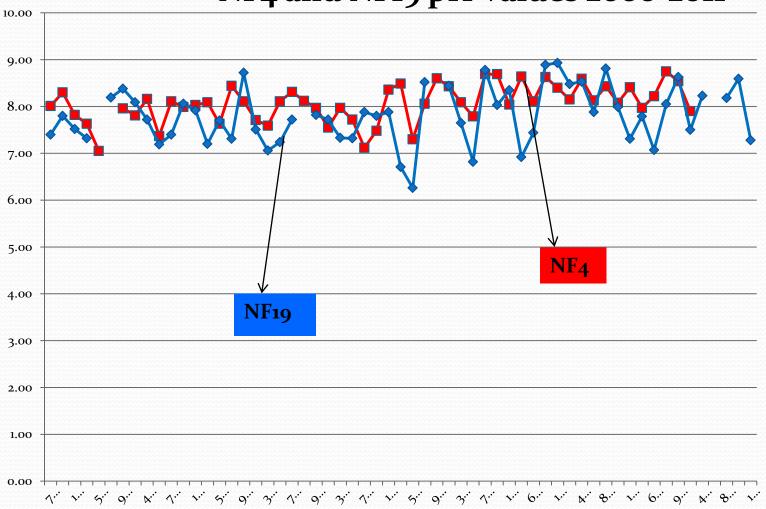
Oil & Grease

Oil and grease content not to exceed 10 mg/L.

The formation of a visible sheen or visible deposits on the bottom or shoreline, or damage or impairment of the normal growth, function or reproduction of human, animal, plant or aquatic life

- NF₄ South of Pinedale on Tyler
- NF19 Downstream of confluence with Green River & of PAPA
- NF30 Downstream of PAPA pipeline crossing
- NF40 Upstream of PAPA pipeline crossing
- NF50 Downstream of confluence of East Fork River
- NF60 Upstream of confluence of East Fork River
- NF70 Downstream of confluence of Pole Creek
- NF80 New Fork Social Club
- NF90 Bull Pasture control site upstream of PAPA

NF4 and NF19 pH Values 2000-2011



SCCD Pinedale Anticline Surface Water Sampling Sites

